



IN REPLY  
REFER TO:

D-3512

143240  
United States Department of the Interior

BUREAU OF RECLAMATION

DENVER OFFICE

P O BOX 25007

BUILDING 67, DENVER FEDERAL CENTER  
DENVER, COLORADO 80225-0007



MAR 25 1993

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*originally rec'd via  
telex 3/26/93  
by V. Janosik, RPM*

Mr. Vic Janosik  
Remedial Project Manager (3HW22)  
Eastern Pennsylvania Section  
U.S. Environmental Protection Agency  
841 Chestnut Building  
Philadelphia PA 19107

Subject: Cost Incurrence - Butz Landfill Site - Predesign of Groundwater  
Treatment System - Environmental Protection Agency (EPA) -  
Interagency Agreement (IAG) No. DW14943630-01-0 (EPA) (Superfund)

Dear Mr. Janosik:

In accordance with your telephone discussions with Mr. Richard Grotzke, we wish to assure you of the appropriateness of expenditures invoiced to date for the subject project activities. Your concern is certainly appreciated and fully understood. As presented in our Preliminary Geologic and Groundwater Investigation Work Plan of January 1993, it was our intent to have a four-phase program for the data collection and analysis. Recognizing that the program was for design data collection and not for remedial investigation, we had limited the detail of the work plan to be programmatic as opposed to specific in detail. However, we fully understand your desire for this detail and intended to include this in our detailed performance work plan based on the program approval. The program required an intense initial activity of analyzing existing data and gathering geophysical data. This was to be integrated with a long term site monitoring program through March 1995.

Per the discussions with your office, we are in the process of adjusting the overall program phasing. Among other items, the program will now include the use of the EPA Contract Laboratory Program for testing of monitoring samples and the use of Ebasco Services, Inc. (Ebasco), for the collecting of monitoring samples. However, recognizing the importance of analyzing the existing data and gathering geophysical data early in the planned program has resulted in much of the expenditures you are now seeing in the monthly invoices.

Under the direction of our principal designer and geologist, the Denver Office has expended considerable effort in completing analyses of existing data; entry of existing data into the groundwater modeling program; assembling and modeling topography and site features; collecting and assimilating data from Tetra Tech, Ebasco, Westbay, the Tennessee Valley Authority, and the United States Geological Survey; developing a monitoring work plan; coordinating the work plan with our land acquisition, surveys, geology, and drilling office;

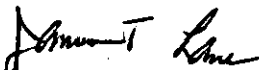
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2

developing task order requirements for Ebasco; developing quality assurance/quality control and standard operating procedures for borehole probes; obtained and analyzed tapes from Appalachian Coal Survey, subcontractor of Tetra Tech, for lithology and porosity; and development of the Quality Assurance Project Plan (QAPP) and Health and Safety Plan (HASP) for drilling and investigations (drilling, pumping tests, and retrofitting existing wells). We assure you that the effort expended to date is important and necessary in the overall performance of the project. We are now in the process of finalizing receipt of the initial offer from Ebasco and subsequent detailed work plan for what is now the first phase of the monitoring program. We recognize, as you have appropriately noted, the importance of this phase and have thus continued to perform accordingly.

We trust the above information is sufficient to address your concerns for expenditures under this project and assure you of the continued monitoring to assure appropriate efficient use of staff time and expenditures. If you have any questions please call Mr. Richard Grotzke (303) 236-3799.

Sincerely,



Acting for  
William A. Fraser, Chief  
Construction Division